

NASA's Advanced Information Systems Technology (AIST) Program Support to Cyberinfrastructure from On-orbit to Data Exploitation

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NASA's Advanced Information Systems Technology (AIST) Program has supported the earth science technology objectives for over 15 years. Recent NASA developments in technology roadmaps, data containers and models, mission control center concepts, and partnerships with other NASA, NSF and Government organizations and ESIP will be reviewed and discussed. New developments to independently test and evaluate technology advances and their impact on the ability of the community to influence R&D Projects will be described along with plans for the next five years of technology innovations in advancing Earth Science Cyberinfrastructure.

AIST Projects Plotted Against their TRL and Relevant Phase of the Data Life Cycle

